

JATDI NEWSLETTER

1 March, 2001



Purpose of the Newsletter: The JATDI Program Management Office (PMO) in an effort to inform its customers and other interested personnel about the current status and key upcoming events have developed this information sharing forum. The PMO intends to update and issue a newsletter every quarter. This and future newsletter are located on the JATDI website [Program Information](#) page. If you have any questions, or desire more information on any item contained within this document, please address those issues to william.c.fox@lmco.com

From The Bridge (Program Manager, Stacy Cummings): In this, our first newsletter, you will see successes and progress that demonstrate we've come a long way since last year. Our lessons learned from the USS Lincoln deployment demonstrates we've still got some corrections to make. These varying results are typical for prototype demonstration efforts. My team's main thrust for this year is to migrate from the prototype environment into a fully documented JATDI Program.

We are scheduling a Government IPT for the week of 19 March, where we will tackle the many priorities and transition tasks leading to a structured Joint Program. Many of our activities this year are predicated on Congressional Plus-Up funding, which we have not yet received. Hopefully, our funding issues will be resolved and my team can commence on the significant activities planned for accomplishment this year.

PMO FY01 Objectives: **Work** with Navy and Joint programs to develop requirements for Joint Chiefs of Staff

- Distance Support
- Navy Virtual Library
- CECOM Telemaintenance Effort
- Development of Program Documentation
- Completion of a JATDI Business Case
- Successful POM-04 funding submission

FY01 Major Initiatives: **Subject** to prioritization and approval by the Joint Government IPT, the following are the high level initiatives for JATDI this year.

Institutionalize JATDI program in DOD

- Establishment of Service Implementers positions in Navy, Army, and USAF
- Fleet Support Team JATDI data managers

Web Site Enhancements

- Expansion of the web-application to five additional weapon systems
- Deployment of a comprehensive photo interface

Centralized backup server farm in Pax River
JATDI test bed
TechCam conferencing capability

System Deployments
Army and Air Force Squadron
Additional Carrier Battlegroup

NATEC Update:

Currently TM Server has been installed at the following sites:

NAS Whidbey Island
NAS North Island
MCAS Miramar
NAF Washington
MCAS Cherry Pt.
NADEP Cherry Pt.
MCAS New River
NAS Jacksonville
USS Abraham Lincoln, CVN-72

TM Server 3.0.2 is being installed and tested at 4 sites by the end of January 2001. Those sites are NAF Washington, MCAS Cherry Pt., NADEP Cherry Pt., and MCAS New River. When the tests are completed and successful other sites that are currently running TM Server 2.x will be upgraded to 3.0.2. TM Server 3.0.2 will be installed at the future sites listed below once the tests are completed.

The difference between TM Server 2.x and TM Server 3.0.2 is the method of automatic update of the technical manuals on the server. In version 2.x a secure connection was made between the mid-tier server at the site and NATEC using an encryption software called KyberPass and an FTP connection. TM Server 3.0.2 uses an http connection, and therefore KyberPass is no longer needed. The mid-tier acts like any user behind the base firewall going to a secure website and downloading files. So far, all indications are that this version of software works very well, and are a big step in providing accurate and up-to-date technical manuals to the maintainers of the Fleet's aircraft.

Future sites for TM Server is:

JRB Atlanta
NAS Norfolk
NAS Oceana
USS Carl Vinson, CVN-70
USS Theodore Roosevelt, CVN-71

Please contact Doug Harder at harderdi@navair.navy.mil with any TM Server questions.

Cherry Point Update (SH-60 Fleet Support Team):

Our web-site support for the SH-60 is in process of totally being revamped and many functions added. The following items represent our current status and recent changes.

- Item 1: H-60 web site moved and operational in a secure site.
- Item 2: Posting of current Technical Directives with supporting documentation.
- Item 3: Up to date issues concerning MELR's and ILSMT's posted.
- Item 4: Enhancement of Project Tracker for Management.
- Item 5: Enhancement of Configuration Database to make interactive vice downloading files in process.
- Item 6: Restructuring of entire web site to make more compliant with other web sites in work.
- Item 7: Other enhancements and additions in next newsletter.

If you have any suggestions for improvements to our support please feel free to contact Bullock, David A at BullockDA@navair.navy.mil.

Crane FY01 Initiatives (EA-6B Technical Data Center):

The EA-6B Technical Data Center (TDC) originated as an effort to allow information to be distributed to contractors bidding on the ICAP-III upgrade to the EA-6B and to support electronic acquisition for the ICAP-III effort. Since then much more program data as well as an extensive library including technical drawings, maintenance plans as well as Intermediate level of maintenance ("I" level) Support Equipment data has been added. Our goal is to create a place where EA-6B data is linked together in such a way as to make it easy for anyone involved with the EA-6B program to quickly find information.

Future upgrades? - We are currently in the process of staging a new server for the site that will allow us to make the site content much more dynamic. A Netscape Compass search engine is part of this new server. This will give the user the type of search capability that currently exists on the main JATDI site. The user will then be able to do a complete site search from the TDC main page, which will allow him/her the ability to easily and quickly search for items of interest.

Also, we are now digitizing Test Program Instructions (TPIs) associated with the "I" level Automatic Test Equipment (ATE). TPIs will be added to the site as they are verified. The Master Test Program Set Index (MTPSI) card database is being automated and will be available from the site. These items will provide a means to more efficiently maintain equipment at the "I" level.

These are a few of the items we are currently working on. If there were something you would like to see on the site please contact us. The EA-6B Technical Data Center is located at NSWC Crane IN and can be accessed through the [JATDI web site](http://www.crane.navy.mil/jatdi) or accessed directly at <http://www.crane.navy.mil/tdc>.

Comments/Concerns? - We appreciate feedback. Please contact the TDC webmaster at c802webmaster@crane.navy.mil. If you haven't checked the site out -- please take a look.

USS Lincoln Update (Tracie Kuchark-Owens, JATDI Project Officer):

When a unit is deployed, they will not have access to the web-application on demand. As a result, JATDI has developed a capability to provide the maintainer with continued access to digital data on demand. The JATDI TM (Technical Manual) Server was developed to provide a mid-tier server with the deployed unit that hosts most of the needed technical references. Updates to the TM Server are automatically accomplished when connectivity is available during the deployment period. Portable Electronic Data Devices (PEDDs) are connected to the TM Server, updated with current information and used by our maintainers to perform their maintenance functions. To fully test the effectiveness and efficiencies of providing digital data to the warfighter, rather than paper, the Lincoln Battle Group agreed to implement the system capabilities and to test the systems during the fall 2000 deployment.

The USS Lincoln Battle Group deployed in August 2000 and recently completed their cruise. During the period of 4-8 February 2001, I was able to cruise aboard from Hawaii to home port in San Diego. During this period, many of the participants in the JATDI prototype test provided valuable insight on the strength's and weaknesses observed through extensive use on the cruise.

The following are my summary comments of these "Lessons Learned" from all the ship's organizations:

"There were a lot of problems with the PEDDs - Laptops are more useful"

"Limited Use of TechCam on cruise, but used cameras 2-3 times during deployment to send pictures back to tech rep. Worked nicely"

"Would like to see more pubs made available like test equipment, 200 series, OPNAV"

"90% pubs now electronic"

"Schematics - when blowing up schematic diagram it was easy to lose place, red lining capability for diagrams, would have been nice to have schematics printer"

"JATDI's lessons learned should be passed onto the school houses"

“Parts available - if the Sailors could view parts available (AVDLR) then this would eliminate time to requisitioned/receive parts in stock. The Navy could then procure parts based on requisitions inventory”

“SOP – nothing in writing WRT the ADP shop continuing maintaining JATDI efforts”

For a complete detailed breakout of comments by organizations see my [After Action Report](#) located on our JATDI website Program Information Page, under the USS Lincoln section, dated 9 February 2001. While these Lessons Learned show we have some areas to focus on prior to further deployments, I did receive many accolades from all organizations on the value obtained from digital JATDI capabilities rather than being paper bound. In fact the majority of lessons learned were from the aspect of how to make it even better.

If you have any questions, please contact owenstr@navair.navy.mil.

Integration with other DoD Programs:

With the expansion of JATDI the PMO has committed to participation in other DoD Projects that involve support to the warfighter such as the NVL (Navy Virtual Library), NAVSUP's One-Touch, Army's CECOM telemaintenance, NAVSEA's Distance Support, and DLA's Email. All of these projects use web capabilities to provide specific support to the fleet. As a result, cross-coordination of efforts is vital to ensure redundancies are minimized and to facilitate technical knowledge sharing as necessary.

The NVL Project intends to provide a Navy-wide capability on the web, with technical characteristics similar to JATDI. However, JATDI has specialized in providing extensive weapon systems digital data. The NVL Project is not currently aboard the fleet, so discussions are underway between these Projects to share the JATDI TM Server aboard the carriers.

NAVSUP is driven by a strategic vision of "One-Touch Supply" -- where a single requests by the customer activates a global network of sources and solutions. This action, like touching a key on a computer keyboard, initiates a series of intricate processes that are invisible to the user. The sole objective is prompt and efficient delivery. "One-Touch Supply" gives their customers the convenience and dependability they need. Expanded coordination between the One-Touch and JATDI Project has been initiated recently.

CECOM Telemaintenance is an Army sponsored Advance Concept Technology Demonstration (ACTD) Joint Project. CECOM is currently initiating efforts to consolidate all Telemaintenance initiatives throughout DoD under the ACTD proposal. The proposal addressee's techniques, tactics and procedures development for a real-time, geographically dispersed, job performance aid and a collaborative tele-maintenance network system for each of the selected weapon platforms/warfighting scenarios.

The NAVSEA Distance Support Project attempts to provide tactically significant support for the fleet by providing sailor's with a single desktop point of entry on issues such as Aviation, C4I, MH&E, Combat Systems, Medical, Supply, and Training. Any person in the naval community who requires infrastructure or people-related support can find help through the Distance Support Portal. JATDI has partnered with the Distance Support effort by providing an Aviation link on their web portal and additional cooperation is expected to occur during 2001.

DLA's EMALL concept of operations provides for a single entry point for DoD customers to find and acquire off-the-shelf, finished goods items from the commercial marketplace and Gov't sources. This web-based capability provides the ability to access all stores/catalogs for the purpose of comparison pricing, provides a single view of status for all orders, and maximizes use of the Purchase Card. Since Email provides valuable supply status for Aviation related parts, JATDI has provided a seamless interface with EMALL, accessible from the JATDI resources page on the JATDI website.

Conclusion

The planned expansion of JATDI supported weapon systems and carriers in 2001, with the integration activities with other important DoD Programs, marks the transition of JATDI from a prototype concept to a project that will be infused into the support infrastructure's of each Joint Service.